INDEX TO VOLUME XXXV OF THE JOHNS HOPKINS HOSPITAL BULLETIN

Abdominal distention, post-operative, The use of eserin and strychnin in, 370.

Abel, J. J., Physiological, chemical and clinical studies on pituitary principles, 305.

Adenine nucleotide, The isolation of, from blood, 417.

Adrenal insufficiency and atrophy of the cortex following venous obstruction of the suprarenal glands, 54.

Adrenals and the chromaffin system, Experimental observations on the, 187.

Amoss, H. L., and Ford, F. R., Results of the injection of encephalitic spinal fluid into rabbits, 20.

Anastomotic circulation in the dog, An experimental study of the, 385.

Anemia, pernicious, An analysis of the clinical histories of patients with, in the Johns Hopkins Hospital from 1918 to 1922 inclusive, 38.

Arsenic Dermatitis in a child, treated with sodium thiosulphate, 78.

Arthritis, Chronic, in the adult, associated with splenomegaly and leucopenia. A report of five cases of an unusual clinical syndrome, 16.

Arthritis, Syphilitic, with eosinophilia: recovery of *T. pallidum* from the synovial fluid, 235.

Bacilli of Vincent, spirochaetae and fusiform, Pulmonary infection with the, 368.

Barrera, F de P., and Chavarria, A. P., The acute exanthem of leprosy, 147.

Beck, C. S., A study of lymph pressure, 206.

Bidgood, C. Y., and Hill, J. H., The effect of intravenous injection of mercurochrome on the kidneys, 409.

Bile pigment, The formation of, from haemoglobin in tissue cultures, 415.

Biliary tract disease, A statistical study of eight hundred and eighty-eight cases of, 391.

Bilirubin, Experiments on the extrahepatic formation of, 158.

Blalock, A., A statistical study of eight hundred and eighty-eight cases of biliary tract disease, 391.

Blood-chemistry and blood-volume, Changes in, following reduction of renal substance, 168.

Blood-chemistry during pregnancy, 133.

Blood grouping, Further studies on. I. The antigenic properties of two types of "Group II" erythrocytes, 23.

Blood grouping, Further studies on. II. The influence of temperature upon isohaemagglutination, 33.

Blood grouping, Further studies on. III. The varied types of "Group IV" blood, 81.

Blood grouping, Further studies on. IV. The demonstration of two additional isoagglutinins (D and Q) in human blood, 126.

Blood grouping, Further studies on. V. The recognition of three types of "Group II" blood, 221.

Blood-pressure, A preliminary study of the, following reduction of renal substance with a note on simultaneous changes in blood-chemistry and blood-volume, 168.

Blood pressure, elevation in, Further observations on the, produced by guanidine compounds, 186.

Blood pressure, The effect of methyl guanidine on the, 140.

Blood serum, An experimental study of ununited fractures with especial reference to the inorganic bone-forming elements in the, 378.

Blood-volume, simultaneous changes in blood-chemistry and, A preliminary study of the blood-pressure following reduction of renal substance with a note on, 168.

Bloomfield, A. L., and Felty, A. R., On the mode of transmission of the streptococci associated with tonsillitis, 115.

Bogert, L. J., and Plass, E. D., Plasma protein variations in normal and toxemic pregnancies, 361.

Books received: 163; 262; 337; 381; 420.

Bowden, D. T., and Huck, J. G., On the peculiar morphology of a malarial parasite in a case of chronic malaria in the temperate zone, 122.

Bugg, C. R., and Folkoff, C., Arsenic dermatitis in a child, treated with sodium thiosulphate, 78.

Burky, E. L., and Smith, D. T., Impetigo contagiosa in children —its etiology and treatment, 78.

Carcinoma of the breast, Marked structural alteration in a, recurring after eleven years, 52.

Cash, J. R., A preliminary study of the blood-pressure following reduction of renal substance with a note on simultaneous changes in blood-chemistry and blood-volume, 168.

Chavarria, A. P., and Barrera, F de P., The acute exanthem of leprosy, 147.

Chesney, A. M., Kemp, J. E., Resnik, W. H., Syphilitic arthritis with eosinophilia: recovery of *T. pallidum* from the synovial fluid, 235.

Chloroform poisoning, A chemical study of a case of, 46.

Chromaffin system, Experimental observations on the adrenals and the, 187.

Clapp, C. A., The mechanism in the production of increased tension in hydrophthalmos, 85.

Clasmatocytes, Hofbauer cells, of the human chorionic villus, 183.

Clough, P. W., The protective power of normal human serum against pneumococcus infection, 328.

Cortex, Atrophy of the, Adrenal insufficiency and, following venous obstruction of the suprarenal glands, 54.

Creadick, A. N., and Stander, H. J., Blood volume in pregnancy, 1.

Crowe, S. J., and Wislocki, G. B., Experimental observations on the adrenals and the chromaffin system, 187.

Cunningham, R. S., The effects of chronic irritations on the morphology of the peritoneal mesothelium, 111.

Cutler, M., A clinical study of hypernephroma, 214.

Cysts, Diffuse uterine gland, in a cat, 49.

Davison, W. C., Rich, A. R., and Greene, C. H., Xeroderma pigmentosum. A clinical and pathological report of one case, 285.

DeGaris, C. F., Notes on some interrelations of fibroblasts in tissue culture, 90.

Dermatitis, Arsenic, in a child, treated with sodium thiosulphate, 76.

Diabetes Mellitus, On the use of intarvin fat, glyceryl margarate, in, 265.

Dieuaide, F. R., Observations on the respiratory gases in ventricular paroxysmal tachycardia, 229.

Dieuaide, F. R., and Turner, R. H., Note on a timing device for the determination of the refractory period of the heart, 411.

Diabetic patients, Glycerin, its use as an antiketogenic substance in the diet of, 201.

Duncan, E. E., Stander, H. J., and Moses, B. L., The excretion rate of urea in the toxemias of pregnancy, 97.

Eclampsia and allied conditions, Non-protein nitrogen retention during, The blood nitrogen curve in normal and in toxemic pregnancies, 345.

Elman, R., and Rothman, P., Adrenal insufficiency and atrophy of the cortex following venous obstruction of the suprarenal glands, 54.
Elvers, C. F., A new apparatus for heating bacterial and blood smears, 94.
Encephalitic spinal fluid, Results of the injection of, into rabbits, 20.
Eosinophilia, Syphilitic arthritis with, recovery of *T. pallidum* from the synovial fluid, 235.
Erythrocytes, The antigenic properties of two types of "Group II," 23.
Eserin, The use of, and strychnin in post-operative abdominal distention, 370.
Evans, F. A., and Willson, C. R., An analysis of the clinical histories of patients with pernicious anemia in the Johns Hopkins Hospital from 1918 to 1922, inclusive, 38.
Fallopian tubes, Spontaneous peristalsis of the excised whole uterus and, of the sow with reference to the ovulation cycle, 246.
Felty, A. R., and Bloomfield, A. L., On the mode of transmission of the streptococci associated with tonsillitis, 115.
Felty, A. R., Chronic arthritis in the adult, associated with splenomegaly and leucopenia, 16.
Felty, A. R., and Keefer, C. S., Acute disseminated lupus erythematosus. Report of three fatal cases, 294.
Femurs, fractured, The use of plaster in the treatment of, 412.
Fibroblasts in tissue culture, Notes on some interrelations of, 90.
Firor, W. M., The use of plaster in the treatment of fractured femurs, 412.
Firor, W. M., and Ford, F. R., Gliomatosis of the leptomeninges, 108.
Firor, W. M., and Ford, F. R., Primary "sarcomatosis" of the leptomeninges, 65.
Fistula, arteriovenous, Congenital. An embryological study, with the report of a case, 271.
Folkoff, C., and Bugg, C. R., Arsenic dermatitis in a child, treated with sodium thiosulphate, 76.
Ford, F. R., and Amoss, H. L., Results of the injection of encephalitic spinal fluid into rabbits, 20.
Ford, F. R., and Firor, W. M., Gliomatosis of the leptomeninges, 108.
Ford, F. R., and Firor, W. M., Primary "sarcomatosis" of the leptomeninges, 65.
Fractures, ununited, An experimental study of, with especial reference to the inorganic bone-forming elements in the blood-serum, 378.
Germanium dioxide, and of sodium germanate, A comparison of the effects of, on the blood of the albino rat, 180.
Glands, suprarenal, Adrenal insufficiency and atrophy of the cortex following venous obstruction of the, 54.
Gliomatosis of the leptomeninges, 108.
Glycerin, its use as an antiketogenic substance in the diet of diabetic patients, 201.
Glyceryl margarate, in diabetes mellitus, 265.
Greene, C. H., Rich, A. R., Davison, W. C., Xeroderma pigmentosum. A clinical and pathological report of one case, 285.
Guanidine compounds, Further observations on the elevation in blood pressure produced by, 186.
Guthrie, C. G., and Huck, J. G., Further studies on blood grouping. I. Antigenic properties of two types of "Group II" erythrocytes, 23.
Guthrie, C. G., and Pessel, J. F., Further studies on blood grouping. II. The influence of temperature upon isohaemagglutination, 33.
Guthrie, C. G., and Pessel, J. F., Further studies on blood grouping. III. The varied types of "Group IV" blood, 81.
Guthrie, C. G., and Pessel, J. F., Further studies on blood grouping. IV. The demonstration of two additional isoagglutinins (D and Q) in human blood, 126.
Guthrie, C. G., Pessel, J. F., and Huck, J. G., Further Studies on blood grouping. V. The recognition of three types of "Group II" blood, 221.
Guttmacher, A. F., and Wislocki, G. B., Spontaneous peristalsis of the excised whole uterus and Fallopian tubes of the sow with reference to the ovulation cycle, 246.
Guttmacher, A. F., Diffuse uterine gland cysts in a cat, 49.
Haden, R. L., and Orr, T. G., Melanuria in the absence of melanotic tumor, 58.
Haemoglobin in tissue cultures, The formation of bile pigment from, 415.
Hanrahan, E. M., Jr., Marked structural alteration in a breast carcinoma recurring after eleven years, 52.
Harris, J. W., The after-effects of the late toxemias of pregnancy, 103.
Heart, left auricle of the, Rheumatic lesions of the, 327.
Heart, refractory period of the, Note on a timing device for the determination of the, 411.
Heart block, complete, in chick embryos during the second, third and fourth days of incubation, The demonstration of, I. Studies on the physiological anatomy of the embryonic heart, 87.
Hill, E. C., Notes on an opaque X-ray mass, 218.
Hill, J. H., and Bidgood, C. Y., The effect of intravenous injection of mercurochrome on the kidneys, 409.
Hofbauer cells (clasmatocytes) of the human chorionic villus, 183.
Hoffman, William, The isolation of adenine nucleotide from the blood, 417.
Hohman, L. B., The treatment of post-encephalitic Parkinson syndrome with hyoscin hydrobromide, 333.
Huck, J. G., and Bowden, D. T., On the peculiar morphology of a malarial parasite in a case of chronic malaria in the temperate zone, 122.
Huck, J. G., and Guthrie, C. G., Further studies on blood grouping. I. The antigenic properties of two types of "Group II" erythrocytes, 23.
Huck, J. G., Guthrie, C. G. and Pessel, J. F., Further studies on blood grouping. V. The recognition of three types of "Group II" blood, 221.
Hughson, W., Meningeal relations of the hypophysis cerebri, 232.
Hughson, W., and Scarff, J. E., The influence of intravenous sodium chloride on intestinal absorption and peristalsis, 197.
Hydrophthalmos, The mechanism in the production of increased tension in, 85.
Hypernephroma, A clinical study of, 214.
Hypophysis cerebri, Meningeal relations of the, 232.
Impetigo contagiosa in children, 78.
Intarvin fat, glyceryl margarate, in diabetes mellitus, 265.
Infection (abscess), retroperitoneal and perinephritic, Cure of a, by intravenous injection of mercurochrome, 14.
Isohaemagglutination, The influence of temperature upon, 33.
Johnstone, P. N., Studies on the physiological anatomy of the embryonic heart. I. The demonstration of complete heart block in chick embryos during the second, third and fourth days of incubation, 87.
Keefer, C. S., Report of a case of Malta fever originating in Baltimore, Maryland, 6.
Keefer, C. S., and Felty, A. R., Acute disseminated lupus erythematosus. Report of three fatal cases, 294.

Keefer, C. S., Perlzweig, W. A., and McCann, W. S., On the use of intarvin fat—glyceryl margarate—in diabetes mellitus, 265.

Kelly, H. A., William Wood Russell, 416.

Kemp, J. E., Chesney, A. M., and Resnik, W. H., Syphilitic arthritis with eosinophilia: recovery of *T. pallidum* from the synovial fluid, 235.

Kidneys, The effect of intravenous injection of mercurochrome on the, 409.

Langworthy, O. R., Problems of tongue innervation: Course of proprioceptive nerve fibers; autonomic innervation of skeletal musculature, 239.

Leprosy, The acute exanthem of, 147.

Leptomeninges, Gliomatosis of the, 108.

Leptomeninges, Primary "sarcomatosis" of the, 65.

Lewis, W. H., Hofbauer cells (clasmatocytes) of the human chorionic villus, 183.

Lewis, W. H., The influence of temperature on the rhythm of the isolated heart of the young chick embryo, 252.

Lupus erythematosus, Acute disseminated. Report of three fatal cases, 294.

Lymph pressure, A study of, 206.

McCann, W. S., Keefer, C. S., and Perlzweig, W. A., On the use of intarvin fat—glyceryl margarate—in diabetes mellitus, 265.

McNeill, C., Pulmonary infection with the spirochaetae and fusiform bacilli of Vincent, 368.

MacCallum, W. G., Rheumatic lesions of the left auricle of the heart, 327.

Major, R. H., Pernicious anemia and renal insufficiency, 390.

Major, R. H., Xanthoma diabeticorum, 27.

Major, R. H., and Stephenson, W., Further observations on the elevation in blood pressure produced by guanidine compounds, 186.

Major, R. H., and Stephenson, W., The effect of methyl guanidine on the blood pressure, 140.

Malaria, chronic, in the temperate zone, On the peculiar morphology of a malarial parasite in a case of, 122.

Malta fever, Report of a case of, originating in Baltimore, Maryland, 6.

Martzloff, K. H., The use of eserin and strychnin in post-operative abdominal distention, 370.

Melanuria in the absence of melanotic tumor, 58.

Menstrual cycle and pregnancy, Changes in the human oviduct during the, 141.

Mercurochrome, intravenous injection of, Cure of a retroperitoneal and perinephritic infection (abscess) by, 14.

Mercurochrome, on the kidneys, The effect of intravenous injection of, 409.

Mesothelium, peritoneal, The effects of chronic irritations on the morphology of the, 111.

Methyl guanidine, The effect of, on the blood pressure, 140.

Moses, B. L., Stander, H. J., and Duncan, E. E., The excretion rate of urea in the toxemias of pregnancy, 97.

Nerve fibers, proprioceptive, Course of; autonomic innervation of skeletal musculature, 239.

New books, Notes on: 32; 63; 95; 132; 160; 193; 226; 263; 339; 382; 417.

Nowrey, J. E., A comparison of the effects of germanium dioxide and of sodium germanate on the blood of the albino rat, 180.

Oppenheimer, E. H., Experiments on the extrahepatic formation of bilirubin, 158.

Orr, T. G., and Haden, R. L., Melanuria in the absence of melanotic tumor, 58.

Ovulation cycle, Spontaneous peristalsis of the excised whole uterus and Fallopian tubes of the sow with reference to the, 246.

Owen, T., A case of polycythaemia vera with special reference to the familial features and treatment with phenylhydrazine, 258.

Parkinson syndrome, post-encephalitic, The treatment of, with hyoscin hydrobromide, 333.

Peristalsis, The influence of intravenous sodium chloride on intestinal absorption and, 197.

Perlzweig, W. A., Keefer, C. S., and McCann, W. S., On the use of intarvin fat—glyceryl margarate—in diabetes mellitus, 265.

Pernicious anemia and renal insufficiency, 390.

Pessel, J. F., Guthrie, C. G., and Huck, J. G., Further studies on blood grouping. V. The recognition of three types of "Group II" blood, 221.

Pessel, J. F., and Guthrie, C. G., Further studies on blood grouping. II. The influence of temperature upon isohaemagglutination, 33.

Pessel, J. F., and Guthrie, C. G., Further studies on blood grouping. III. The varied types of "Group IV" blood, 81.

Pessel, J. F., and Guthrie, C. G., Further studies on blood grouping. IV. The demonstration of two additional isoagglutinins (D and Q) in human blood, 126.

Petersen, H. A., An experimental study of ununited fractures with especial reference to the inorganic bone-forming elements in the blood serum, 378.

Phenylhydrazine, A case of polycythaemia vera with special reference to the familial features and treatment with, 258.

Physicians, Invitation to American, 411.

Pituitary principles, Physiological, chemical and clinical studies on, 305.

Plasma protein variations in normal and toxemic pregnancies, 361.

Plass, E. D., Non-protein nitrogen retention during eclampsia and allied conditions. The blood nitrogen curve in normal and in toxemic pregnancies, 345.

Plass, E., and Bogert, L. J., Plasma protein variations in normal and toxemic pregnancies, 361.

Pneumococcus infection, The protective power of normal human serum against, 328.

Polycythaemia vera, A case of, with special reference to the familial features and treatment with phenylhydrazine, 258.

Pregnancies, Blood nitrogen curve in normal and toxemic, 345.

Pregnancies, Plasma protein variations in normal and toxemic, 361.

Pregnancy, Blood volume in, 1.

Pregnancy, Changes in the human oviduct during the menstrual cycle and, 141.

Pregnancy, After-effects of the late toxemias of, 103.

Pregnancy, Blood chemistry during, 133.

Pregnancy, Excretion rate of urea in the toxemias of, 97.

Pulmonary infection with the spirochaetae and fusiform bacilli of Vincent, 368.

Reichert, F. L., An experimental study of the anastomotic circulation in the dog, 385.

Renal insufficiency, Pernicious anemia and, 390.

Resnik, W. H., Chesney, A. M., and Kemp, J. E., Syphilitic arthritis with eosinophilia: recovery of *T. pallidum* from the synovial fluid, 235.

Respiratory gases, Observations on the, in ventricular paroxysmal tachycardia, 229.

Rheumatic lesions of the left auricle of the heart, 327.

Rich, A. R., The formation of bile pigment from haemoglobin in tissue cultures, 415.

Rich, A. R., Davison, W. C., and Greene, C. H., Xeroderma pigmentosum. A clinical and pathological report of one case, 285.
Rickety bones *in vitro*, The healing of, 304.
Rienhoff, W. F., Congenital arteriovenous fistula. An embryological study, with the report of a case, 271.
Rivers, T. M., and Tillett, W. S., Atypical distribution of varicella lesions dependent upon a coexistent syphilitic infection, 137.
Rothman, P., and Elman, R., Adrenal insufficiency and atrophy of the cortex following venous obstruction of the suprarenal glands, 54.
Russell, William Wood, 416.
"Sarcomatosis," primary, of the leptomeninges, 65.
Scarff, J. E., and Hughson, W., The influence of intravenous sodium chloride on intestinal absorption and peristalsis, 197.
Sex, mixed, Preliminary report of a case of. An apparent male, with a testis in scrotum on right side; ovary, tube and uterus in inguinal canal on left side, 165.
Shipley, P. G., The healing of rickety bones *in vitro*, 304.
Smears, bacterial and blood, A new apparatus for heating, 94.
Smith, D. T., and Burky, E. L., Impetigo contagiosa in children —its etiology and treatment, 78.
Snyder, F. F., Changes in the human oviduct during the menstrual cycle and pregnancy, 141.
Sodium chloride, intravenous, The influence of, on intestinal absorption and peristalsis, 197.
Sodium germanate, A comparison of the effects of germanium dioxide and of, on the blood of the albino rat, 180.
Splenomegaly and leucopenia, Chronic arthritis in the adult, associated with, 16.
Stander, H. J., A chemical study of a case of chloroform poisoning, 46.
Stander, H. J., and Creadick, A. N., Blood volume in pregnancy, 1.
Stander, H. J., Duncan, E. E., and Moses, B. L., The excretion rate of urea in the toxemias of pregnancy, 97.
Stander, H. J., The blood chemistry during pregnancy, 133.
Stephenson, W. and Major, R. H., Effect of methyl guanidine on the blood pressure, 140.
Stephenson, W. and Major, R. H., Further observations on the elevation in blood pressure produced by guanidine compounds, 186.
Streptococci associated with tonsillitis, On the mode of transmission of the, 115.
Strychnin in post-operative abdominal distention, The use of eserin and, 370.
Synovial fluid, Recovery of *T. pallidum* from the, in syphilitic arthritis with eosinophilia, 235.
Syphilitic infection, Atypical distribution of varicella lesions dependent upon a coexistent, 137.
Tachycardia, ventricular paroxysmal, Observations on the respiratory gases in, 229.
Thiosulphate, sodium, A case of arsenic dermatitis in a child, treated with, 76.
Thomas, H. M., Jr., Glycerin, its use as an antiketogenic substance in the diet of diabetic patients, 201.
Tillett, W. S., and Rivers, T. M., Atypical distribution of varicella lesions dependent upon a coexistent syphilitic infection, 137.
Tongue innervation, Problems of: course of proprioceptive nerve fibers; autonomic innervation of skeletal musculature, 239.
Tonsillitis, On the mode of transmission of the streptococci associated with, 115.
T. pallidum, Recovery of, from the synovial fluid in syphilitic arthritis with eosinophilia, 235.
Tumor, melanotic, Melanuria in the absence of, 58.
Turner, R. H., and Dieuaide, F. R., Note on a timing device for the determination of the refractory period of the heart, 411.
Urea, The excretion rate of, in the toxemias of pregnancy, 97.
Uterine gland cysts, diffuse, in a cat, 49.
Uterus, excised whole, Spontaneous peristalsis of the, and Fallopian tubes of the sow with reference to the ovulation cycle, 246.
Varicella lesions, Atypical distribution of, dependent upon a coexistent syphilitic infection, 137.
Venous obstruction of the suprarenal glands, Adrenal insufficiency and atrophy of the cortex following, 54.
Willson, C. R., and Evans, F. A., An analysis of the clinical histories of patients with pernicious anemia in the Johns Hopkins Hospital from 1918 to 1922, inclusive, 38.
Wislocki, G. B., and Crowe, S. J., Experimental observations on the adrenals and the chromaffin system, 187.
Wislocki, G. B., and Guttmacher, A. F., Spontaneous peristalsis of the excised whole uterus and Fallopian tubes of the sow with reference to the ovulation cycle, 246.
Xanthoma diabeticorum, 27.
Xeroderma pigmentosum. A clinical and pathological report of one case, 285.
X-ray mass, Notes on an opaque, 218.
Young, H. H., Cure of a retroperitoneal and perinephritic infection (abscess) by intravenous injection of mercurochrome, 14.
Young, H. H., Preliminary report of a case of mixed sex. An apparent male, with a testis in scrotum on right side; ovary, tube and uterus in inguinal canal on left side, 165.

THE JOHNS HOPKINS HOSPITAL BULLETIN

The Hospital Bulletin contains details of hospital and dispensary practice, abstracts of papers read before the Medical Society of the Hospital, reports of lectures, and other matters of general interest in connection with the work of the Hospital. It is issued monthly. Volume XXXV is in progress.